Creative Enzymes®

USP14 Inhibitor, IU1

Cat. No. CEI-0694

Lot. No. (See product label)

Introduction

Description	A cell-permeable, reversible and selective inhibitor of the deubiquitinating activity of human USP14 (IC50 = 4-5 μM). IU1 promotes cell survival during proteotoxic stress and selectively stimulates ubiquitin-dependent protein degradation in vitro at 34 μM.

Product Information

Appearance	Off-white solid
CAS No.	314245-33-5
Molecular Formula	$C_{18}H_{21}FN_2O$
Chemical Name	1-[1-(4-fluorophenyl)-2,5-dimethyl-1H-pyrrol-3-yl]-2-(1-pyrrolidinyl)-ethanone
Molecular Weight	518.61
Purity	>98% by HPLC
Targets	USP14
Solubility	DMSO

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack